



#17/C
Mollett
10/16/02

Attorney Docket No. 13438US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Wakayama et al.

) EXPRESS MAIL

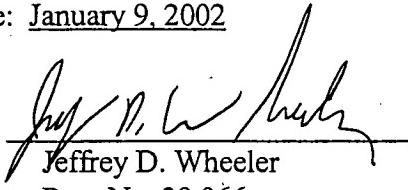
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Serial No.: 09/456,230

) Date: January 9, 2002

Filed: December 7, 1999

) By:


Jeffrey D. Wheeler
Reg. No. 39,066

RECEIVED

AUG 14 2002

OFFICE OF PETITIONS

For: LOW JITTER HIGH PHASE
RESOLUTION PLL-BASED
TIMING RECOVERY SYSTEM

Group Art Unit: 2816

Examiner: A. Tra

RESPONSE TO FINAL OFFICE ACTION

BOX AMENDMENT
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Applicants submit this amendment in response to the Office Action dated July 13, 2001, along with a petition and fee for a three-month extension of time in which to respond.

IN THE CLAIMS:

✓ Please delete Claims 3 and 19.

8. (Twice Amended) A phase lock loop comprising:

a detector for comparing a phase or frequency characteristic of an input signal to a phase or frequency characteristic of a timing reference signal;

a timing reference signal generator, connected in feedback fashion to provide a timing reference signal to the detector;